

REMARKS

Responsive to the Office Action mailed March 7, 2007, Applicants provide the following. Claims 51-59 have been canceled. Therefore, fifty-eight (58) claims remain pending in the application: Claims 1-50 and 60-67. Reconsideration of claims 1-50 and 60-67 in view of the amendments above, remarks below and the attached Terminal Disclaimer is respectfully requested.

Initially, Applicants acknowledge with appreciation the Examiner's willingness to take part in the telephonic interview on May 24, 2007.

By way of this amendment, Applicants have made a diligent effort to place the claims in condition for allowance. However, should there remain any outstanding issues that require adverse action, it is respectfully requested that the Examiner telephone the undersigned at (858) 552-1311 so that such issues may be resolved as expeditiously as possible.

Summary of Applicant Initiated Examiner Interview

1. Per 37 CFR § 133(b), the following is a brief summary of the Examiner interview conducted May 24, 2007 via telephone between Steven M. Freeland, Attorney of Record, and Examiner Nguyen.

Applicants' representative contacted Examiner Nguyen to confirm that should a terminal disclaimer be filed overcoming the double patenting rejections of claims 1-50 and 60-67, and canceling claims 51-59 rejected under 35 USC §103(a), that based on the references the Examiner is currently aware of claims 1-50 and 60-67 should be allowable.

Examiner Nguyen confirmed that claims 51-59 were the only claims rejected in addition to the double patenting rejection. Examiner Nguyen further confirmed that should the double patenting rejection be overcome by the filing of a terminal disclaimer and claims 51-59 be canceled, then claims 1-50 and 60-67 should be allowable over the prior art that Examiner Nguyen is currently aware of.

No other claims were discussed, no references were discussed and no exhibits were presented.

Information Disclosure Statements

2. Applicants note that several Information Disclosure Statements have been filed for which initialed and signed papers and electronic forms have not been returned. Specifically, initialed and signed papers and forms have not been received for Information Disclosure Statements filed on the below dates:

December 12, 2003;
February 14, 2004;
February 17, 2004;
April 19, 2004;
June 11, 2004;
February 23, 2005; and
June 28, 2005.

Applicants respectfully request that the Examiner consider the references cited in the IDS(s) and provide Applicants with initialed and signed copies of the IDS forms indicating that the references were considered. Applicants have attached herewith for convenience of the Examiner copies of the electronic and paper forms for the Examiner's consideration and execution.

Double Patenting

3. Claims 1-67 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-59 of U.S. Patent No. 7,129,953.

Applicants submit that both the present application and the prior patent are commonly owned by Sony Corporation and Sony Electronics Inc. For example, the present application has been assigned to Sony Corporation and Sony Electronics Inc. and recorded at reel and frame 012617/0258, while U.S. Patent No. 7,129,953 is a continuation of U.S. Patent No. 6,795,079 that is assigned to Sony Corporation and Sony Electronics Inc. and recorded at reel and frame number 012618/0820. Applicants submit herewith a terminal disclaimer in compliance with 37 C.F.R. 1.321(c). Therefore, it is respectfully submitted that the rejection should be overcome and withdrawn.

Claim Rejections - 35 USC § 103

4. The office action rejects Claims 51-59 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,105,114 to Okuno. Applicants respectfully traverse these rejections.

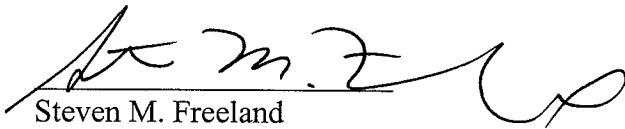
Claims 51-59, however, have been cancelled without prejudice or disclaimer and in order to pursue the timely issuance of the allowable subject matter. Therefore, the rejection is rendered moot. Applicants submit the cancellation of claims 51-59 should not represent a surrender of subject matter and is done in order to pursue the timely issuance of the allowable subject matter indicated below. Applicants specifically preserve the right to present these or other claims in a continuation application.

CONCLUSION

Applicants submit that the attached Terminal Disclaimer and the above amendments and remarks place the pending claims in a condition for allowance. Therefore, a Notice of Allowance is respectfully requested.

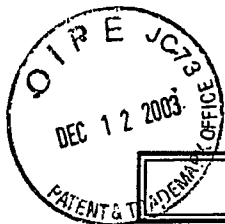
Respectfully submitted,

Dated: 6-7-07


Steven M. Freeland
Reg. No. 42,555

Attachment: Terminal Disclaimer;
IDS forms for IDS(s) submitted on December 12, 2003; February 14, 2004;
February 17, 2004; April 19, 2004; June 11, 2004; February 23, 2005;
and June 28, 2005.

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120 So. LaSalle Street, Ste. 1600
Chicago, IL 60603
(858)552-1311



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
 Stylesheet Version v18.0

Title of Invention	CHECKERBOARD BUFFER USING TWO-DIMENSIONAL BUFFER PAGES
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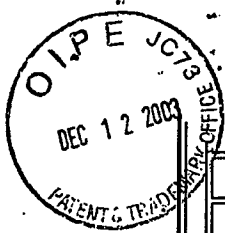
Application Number: 10/076685
 Confirmation Number: 1721
 First Named Applicant: Mark Champion
 Attorney Docket Number: 72705
 Art Unit: 2676
 Examiner: Dalip K. Singh
 Search string: (5303341 or 5479605 or 5559953 or 5561777 or 5579473 or 5606650 or 5619471 or 5633726 or 5781201 or 5794016 or 5798843 or 5815167 or 5815169 or 5924111 or 6005592 or 6031638 or 6177922 or 6226709 or 6259459 or 6278645 or 6301649 or 6347344 or 6417867 or 6496192 or 6549207 or 6567531 or 6587112 or 20020109692 or 20020109693 or 20020130876),pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5303341	1994-04-12	Rivershin			
	2	5479605	1995-12-26	Saitoh			
	3	5559953	1996-09-24	Seiler et al.			
	4	5561777	1996-10-01	Kao et al.			
	5	5579473	1996-11-26	Schlapp et al.			
	6	5606650	1997-02-25	Kelley et al.			
	7	5619471	1997-04-08	Nunziata et al.			
	8	5633726	1997-05-27	Timmermans			
	9	5781201	1998-07-14	McCormack et al.			
	10	5794016	1998-08-11	Kelleher			
	11	5798843	1998-08-25	Yamamoto et al.			
	12	5815167	1998-09-27	Muthal et al.			



13	5815169	1998-09-29	Oda
14	5924111	1999-07-13	Huang et al.
15	6005592	1999-12-21	Koizumi et al.
16	6031638	2000-02-29	Rao et al.
17	6177922	2001-01-23	Schiefer et al.
18	6226709	2001-05-01	Goodwin et al.
19	6259459	2001-07-10	Middleton
20	6278645	2001-08-21	Buckelew et al.
21	6301649	2001-10-09	Takasugi
22	6347344	2002-02-02	Baker et al.
23	6417867	2002-07-09	Hallberg
24	6496192	2002-12-17	Shreeshha et al.
25	6549207	2003-04-15	Matsumoto
26	6567531	2003-05-20	Kondo et al.
27	6587112	2003-07-01	Goelzenleuchter et al.

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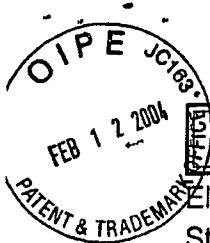
US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020109692	2002-08-15	Champion			
	2	20020109693	2002-08-15	Champion et al.			
	3	20020130876	2002-09-19	Champion			

Signature

Examiner Name	Date



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of Invention	CHECKERBOARD BUFFER USING TWO-DIMENSIONAL BUFFER PAGES
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Application Number: 10/076685
 Confirmation Number: 1721
 First Named Applicant: Mark Champion
 Attorney Docket Number: 72705(7114)
 Art Unit: 2676
 Examiner: Dalip K. Singh
 Search string: (5142276 or 5933154 or 6111992 or 6331854 or 20020109699 or 20020110030 or 20020149596 or 20030151609 or 20030058368).pn.



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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5142276	1992-08-25	Moffat, Guy			
	2	5933154	1999-08-03	Howard, et al			
	3	6111992	2000-08-29	Likhterov, et al			
	4	6331854	2001-12-18	Rogers, et al			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020109699	2002-08-15	Champion			
	2	20020110030	2002-08-15	Champion			
	3	20020149596	2002-10-17	Champion			
	4	20030151609	2002-08-14	Champion			
	5	20030058368	2003-03-27	Champion			

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Examiner Name	Date



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Substitute for form 1449A/PTO			Complete if Known	
			Application Number	10/076,685
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	2/14/2002
			First Named Inventor	Champion, Mark
			Art Unit	2676
			Examiner Name	Singh
<i>(use as many sheets as necessary)</i>			Attorney Docket Number	72705
Sheet	1	of	1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known) US-			

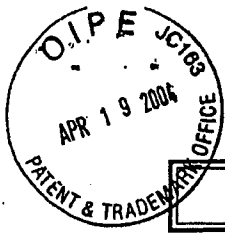
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Lieberman, David; <i>Sony champions MEMS display technology</i> ; EE Times, July 14, 2000, http://www.eetimes.com/story/OEG20000714S004	
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <p style="font-size: 24px; margin: 0;">RECEIVED</p> <p style="font-size: 18px; margin: 0;">FEB 19 2004</p> <p style="font-size: 18px; margin: 0;">Technology Center 2600</p> </div>			

Examiner Signature	Date Considered
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of Invention	Checkerboard buffer using two-dimensional buffer pages
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Application Number: 10/076685
 Confirmation Number: 1721
 First Named Applicant: Mark Champion
 Attorney Docket Number: 72705
 Art Unit: 2676
 Examiner: Dalip K. Singh
 Search string: (4449199 or 5195182).pn.



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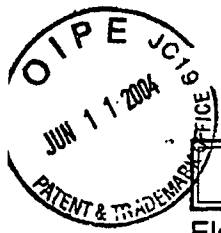
US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4449199	1984-05-15	Daigle			
	2	5195182	1993-03-16	Sasson			

Signature

Examiner Name	Date



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 Search string: (5831926 or 6023745 or 6282603 or 6519673 or 6665749).pn.



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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5831926	1998-11-03	Norris et al.			
	2	6023745	2000-02-08	Lu			
	3	6282603	2001-08-28	Rao			
	4	6519673	2003-02-11	Chudnovsky			
	5	6665749	2003-12-16	Ansari			

Signature

Examiner Name	Date

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

CHECKERBOARD BUFFER USING TWO DIMENSIONAL BUFFER PAGES

Application Number : 10/076685



Confirmation Number: 1721

First Named Applicant: Mark Champion

Attorney Docket Number: 72705(7114)

Art Unit: 2676

Examiner: Dalip K. Singh

Search string: (4189767 or 5268682 or 5668568 or 5835952 or 6018354 or 6150679 or 6480428 or 6724396 or 20040233206 or 20040246258 or 20050024368).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4189767	1980-12-19	Ahuja			
	2	5268682	1993-12-07	Yang, et al			
	3	5668568	1997-09-16	Holloman			
	4	5835952	1998-11-10	Yamauchi			
	5	6018354	2000-01-25	Jones, et al			
	6	6150679	2000-11-21	Reynolds			
	7	6480428	2002-11-12	Zheng			
	8	6724396	2004-04-20	Emmot, et al			

US Published Applications

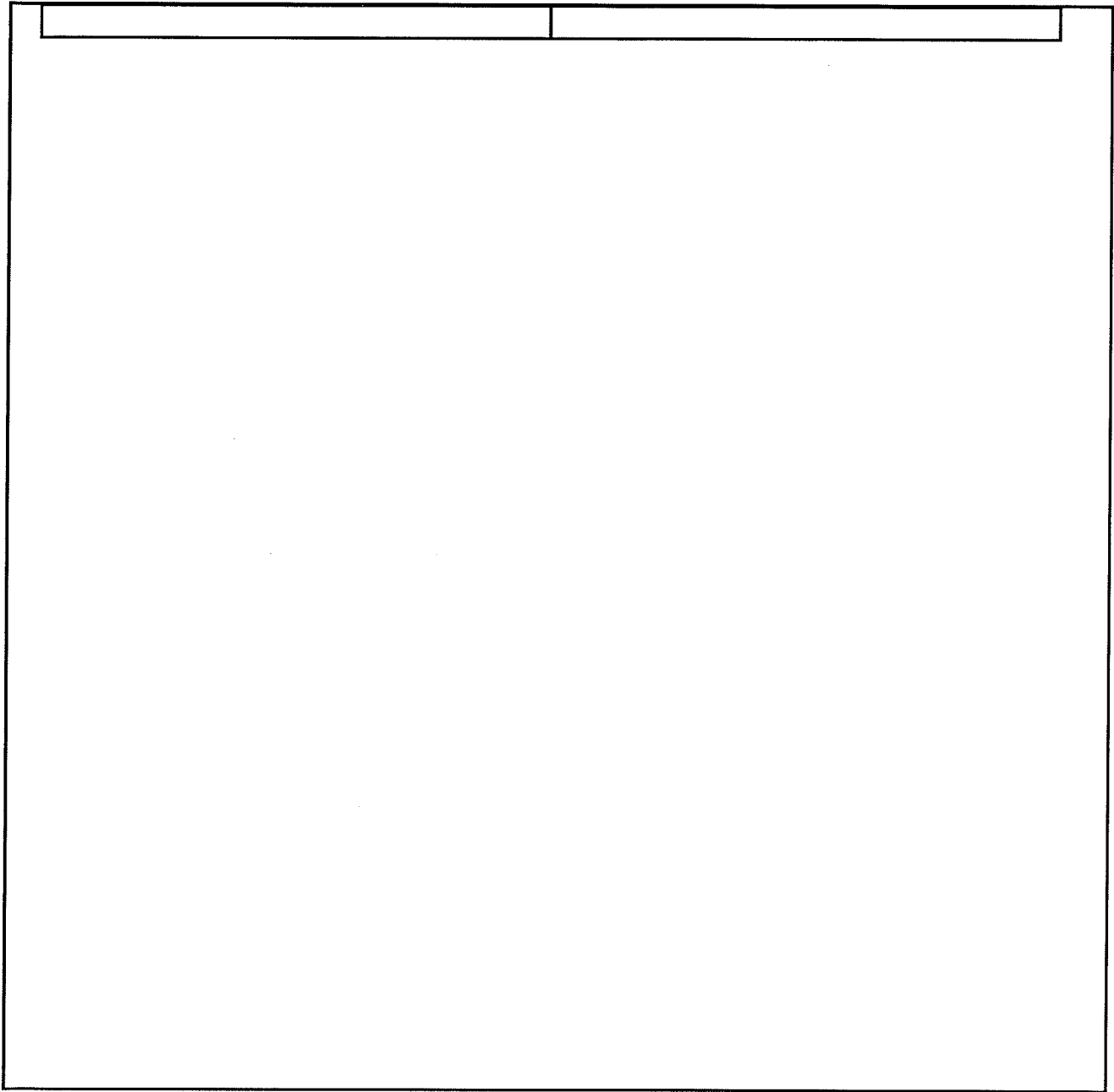
Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20040233206	2004-11-25	Champion			
	2	20040246258	2004-12-09	Champion			
	3	20050024368	2005-02-03	Champion			

Signature

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Date



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**Title of
Invention**

CHECKERBOARD BUFFER USING TWO DIMENSIONAL
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Application Number : 10/076685



Confirmation Number: 1721

First Named Applicant: Mark Champion

Attorney Docket Number: 72705.7114

Art Unit: 2676

Examiner: Dalip K. Singh

Search string: (6157396 or 6340994 or 6456339 or 6456340 or 6724948 or 20050057572 or 20050104890).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6157396	2000-12-05	Margulis, et al.			
	2	6340994	2002-01-22	Margulis, et al.			
	3	6456339	2002-09-24	Surati, et al.			
	4	6456340	2002-09-24	Margulis			
	5	6724948	2004-04-20	Lippincott			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20050057572	2005-03-17	Champion			
	2	20050104890	2005-05-19	Champion			

Signature

Examiner Name	Date